

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S6	8	("4626392" "5447967" "5843348" "6159417" "6271282" "4925492" "5073689" "5154785").PN.	US-PGPUB; USPAT	ADJ	OFF	2009/02/27 13:09
S7	11017	glass and green and ceramic and composite	US-PGPUB; USPAT	ADJ	OFF	2009/03/03 14:55
S8	722	glass and green and ceramic and composite and preform	US-PGPUB; USPAT	ADJ	OFF	2009/03/03 14:55
S9	314	glass and green and ceramic and composite and preform and infiltrat\$3	US-PGPUB; USPAT	ADJ	OFF	2009/03/03 14:56
S10	1	glass and green and ceramic and composite and preform and infiltrat\$3 and liquid infiltrant and porous powder	US-PGPUB; USPAT	ADJ	OFF	2009/03/03 14:56
S11	93	coloring oxide	US-PGPUB; USPAT	ADJ	OFF	2009/03/03 15:45
S12	8	("4626392" "5447967" "5843348" "6159417" "6271282" "4925492" "5073689" "5154785").PN.	US-PGPUB; USPAT	ADJ	OFF	2009/03/04 14:37
S13	0	S12 and chip forming	US-PGPUB; USPAT	ADJ	OFF	2009/03/04 14:37
S14	3132	chip forming	US-PGPUB; USPAT	ADJ	OFF	2009/03/04 14:37
S15	4342	("264/62" "264/60" "264/66" "501/1" "501/103" "501/153" "623/16" "264/43" "264/131" "428/307.7" "106/35").cols.	US-PGPUB; USPAT	ADJ	OFF	2009/03/04 14:40

S16	4	S15 and chip forming	US-PGPUB; USPAT	ADJ	OFF	2009/03/04 14:40
S17	796	chip forming and ceramic	US-PGPUB; USPAT	ADJ	OFF	2009/03/04 14:44
S18	356	chip forming and ceramic and oxide	US-PGPUB; USPAT	ADJ	OFF	2009/03/04 14:44
S19	284	chip forming and ceramic and oxide and (Al\$2 or aluminium or ziron or zirconium or Zr\$ or Zr or Al)	US-PGPUB; USPAT	ADJ	OFF	2009/03/04 15:40
S20	46	(chip-forming or chip forming) machining and vacuum	US-PGPUB; USPAT	ADJ	OFF	2009/05/12 10:46
S21	1	("20080118894").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/12 10:55
S22	27	("20050164045" "20070292597" "20080303181" "7183232" "7166548" "7371702" "20080138768" "20090023574" "20090113936" "20090079101" "4698318" "5318929" "6200137" "6280863" "6121175" "6306784" "6626986" "6620747" "7074730" "5698482" "5698019" "5618763" "5698020" "6031015" "5889132" "5925180" "6287490" "6200137" "6280863" "6121175").pn.	US-PGPUB; USPAT	ADJ	OFF	2009/05/12 12:01
S23	4372	("264/62" "264/60" "264/66" "501/1" "501/103" "501/153" "623/16" "264/43" "264/131" "428/307.7" "106/35").cols.	US-PGPUB; USPAT	ADJ	OFF	2009/05/12 12:34
S24	1070	S23 and dental	US-PGPUB; USPAT	ADJ	OFF	2009/05/12 12:35
S25	316	S24 and sinter\$3	US-PGPUB; USPAT	ADJ	OFF	2009/05/12 12:35
S26	227	S25 and oxide and (Al\$2 or aluminium or ziron or zirconium or Zr\$ or Zr or Al)	US-PGPUB; USPAT	ADJ	OFF	2009/05/12 12:37

S27	232	S25 and oxide and (Al or aluminium or ziron or zirconium or Zr or silicon or silica or Si or Ti or titanium)	US-PGPUB; USPAT	ADJ	OFF	2009/05/12 12:39
S28	159	S25 and oxide same (Al or aluminium or ziron or zirconium or Zr or silicon or silica or Si or Ti or titanium)	US-PGPUB; USPAT	ADJ	OFF	2009/05/12 12:39
S29	44	S28 and adhesive	US-PGPUB; USPAT	ADJ	OFF	2009/05/12 12:43
S30	34	S29 and layer\$3	US-PGPUB; USPAT	ADJ	OFF	2009/05/12 12:47
S31	109	S28 and layer\$3	US-PGPUB; USPAT	ADJ	OFF	2009/05/12 12:47
S32	0	glass and green and ceramic and composite and preform and infiltrat\$3 and liquid infiltrant and porous powder	USOCR; EPO; JPO; DERWENT	ADJ	OFF	2009/05/12 15:15
S33	0	glass and green and ceramic and composite and preform and infiltrat\$3 and liquid infiltrant and porous	USOCR; EPO; JPO; DERWENT	ADJ	OFF	2009/05/12 15:15
S34	0	glass and green and ceramic and composite and preform and infiltrat\$3 and liquid infiltrant	USOCR; EPO; JPO; DERWENT	ADJ	OFF	2009/05/12 15:15
S35	3	glass and green and ceramic and composite and preform and infiltrat\$3 and liquid	USOCR; EPO; JPO; DERWENT	ADJ	OFF	2009/05/12 15:16
S36	2	glass and green and ceramic and composite and preform and infiltrat\$3 and porous	USOCR; EPO; JPO; DERWENT	ADJ	OFF	2009/05/12 15:16
S37	3508	("264/605,62,60,66" "433/215" "501/1,103,153").ccls.	US-PGPUB; USPAT	ADJ	OFF	2009/05/12 15:19
S38	3432	("264/62,60,66" "433/215" "501/1,103,153").ccls.	US-PGPUB; USPAT	ADJ	OFF	2009/05/12 15:19
S39	1588	("264/62,60,66"501/1,103,153").ccls.	US-PGPUB; USPAT	ADJ	OFF	2009/05/12 15:19
S40	2291	("264/43" "264/131" "428/307.7" "106/35").ccls.	US-PGPUB; USPAT	ADJ	OFF	2009/05/12 15:22

S41	860	("264/43" "264/131").ccls.	US-PGPUB; USPAT	ADJ	OFF	2009/05/12 15:23
S42	1435	("428/307.7" "106/35").ccls.	US-PGPUB; USPAT	ADJ	OFF	2009/05/12 15:23
S43	173	("428/307.7").ccls.	US-PGPUB; USPAT	ADJ	OFF	2009/05/12 15:23
S44	1262	("106/35").ccls.	US-PGPUB; USPAT	ADJ	OFF	2009/05/12 15:24
S45	2	infiltrat\$3 with (silicon or silica or SiO or Si or "SiO.sub.2") same ceramic same (particle or powder) and sinter\$3 and acid with etch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/12/04 17:05
S46	18	infiltrat\$3 with (silicon or silica or SiO or Si or "SiO.sub.2") same ceramic same (particle or powder) and sinter\$3 and acid with etch\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/12/04 17:05
S47	2	S46 and dent\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/12/04 17:06
S48	22	infiltrat\$3 with (silicon or silica or SiO or Si or "SiO.sub.2") same ceramic same (particle or powder) and sinter\$3 and (HF or acid or hydrofluoric or hydroflouric) same etch\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/12/04 17:13
S49	3	S48 and dent\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/12/04 17:14
S50	36	infiltrat\$3 with (silicon or silica or SiO or Si or "SiO.sub.2" or silicate) and ceramic same (particle or powder) and sinter\$3 and (HF or acid or hydrofluoric or hydroflouric) same etch \$3 and (mullite or alumina or zircon\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/12/04 17:18

S51	5	S50 and dent\$	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	ADJ	ON	2009/12/04 17:19
S52	31	S50 not S51	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	ADJ	ON	2009/12/04 17:30
S56	3	dent\$4 same ceramic and retentive same etch with acid	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	ADJ	ON	2009/12/07 11:28
S57	3	dent\$4 same ceramic and retentive same etch same acid	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	ADJ	ON	2009/12/07 11:30
S58	3	dent\$4 same ceramic and retentive same etch	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	ADJ	ON	2009/12/07 11:30
S59	5	ceramic and retentive same etch	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	ADJ	ON	2009/12/07 11:30
S61	4	porcelain same dent\$4 and retentive same etch	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	ADJ	ON	2009/12/07 11:32
S62	4	porcelain and dent\$4 and retentive same etch	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	ADJ	ON	2009/12/07 11:32

S63	38339	hydrofluoric same etch\$3	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	ADJ	ON	2009/12/07 11:36
S64	208	hydrofluoric same etch\$3 and dent\$4 and (ceramic or porcelain)	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	ADJ	ON	2009/12/07 11:36
S65	59	hydrofluoric same etch\$3 same (ceramic or porcelain) and dent\$4	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	ADJ	ON	2009/12/07 11:37
S66	45	hydrofluoric same etch\$3 same (ceramic or porcelain) and dent\$4 and (tooth or teeth or denture)	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	ADJ	ON	2009/12/07 11:37
S67	4	hydrofluoric same etch\$3 same (ceramic or porcelain) and dent\$4 and (tooth or teeth or denture) and retentive	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	ADJ	ON	2009/12/07 11:37
S68	623	(zirconium oxide or zirconia or "ZrO. _{sub.2} " or ZrO ₂) and (infiltrant or infiltrat\$3) same vacuum and sinter\$3 and (density or densify \$3)	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 13:09
S69	328	(zirconium oxide or zirconia or "ZrO. _{sub.2} " or ZrO ₂) and (infiltrant or infiltrat\$3) same vacuum and sinter\$3 same (density or densify \$3)	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 13:10
S70	285	S69 and ceramic	US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 13:12

S71	15	("2828225" "3533738" "4418024" "4418025" "4427785" "4600481" "4657876" "4725567" "4737476" "4774068" "5009822" "5021367" "5135691").PN. OR ("5478785").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/26 13:16
S72	1085	(zirconium oxide or zirconia or "ZrO.sub.2" or ZrO2) and (infiltrant or infiltrat\$3) and sinter\$3 same (density or densify\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 13:22
S73	967	(zirconium oxide or zirconia or "ZrO.sub.2" or ZrO2) and (infiltrant or infiltrat\$3) and sinter\$3 same (density or densify\$3) and ceramic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 13:22
S74	149	(zirconium oxide or zirconia or "ZrO.sub.2" or ZrO2) and (infiltrant or infiltrat\$3) and sinter\$3 same (density or densify\$3) and ceramic and (tooth or dental or teeth or denture)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 13:22
S75	111	S74 and vacuum\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 13:23
S76	35	(zirconium oxide or zirconia or "ZrO.sub.2" or ZrO2) and (infiltrant or infiltrat\$3) same vacuum\$3 and sinter\$3 same (density or densify\$3) and ceramic and (tooth or dental or teeth or denture)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 13:35
S77	149	(zirconium oxide or zirconia or "ZrO.sub.2" or ZrO2) and (infiltrant or infiltrat\$3) and sinter\$3 same (density or densify\$3) and ceramic and (tooth or dental or teeth or denture)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 13:51

S78	70	(zirconium oxide or zirconia or "ZrO.sub.2" or ZrO ₂) and (infiltrant or infiltrat\$3) same (glass or silica) and sinter\$3 same (density or densify\$3) and ceramic and (tooth or dental or teeth or denture)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 14:19
S79	45	(zirconium oxide or zirconia or "ZrO.sub.2" or ZrO ₂) same (body or preform or tooth or crown or denture) and (infiltrant or infiltrat\$3) same (glass or silica) and sinter\$3 same (density or densify\$3) and ceramic and (tooth or dental or teeth or denture)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 14:20
S80	2	"5910273".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 14:21
S81	2	"5250352".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 14:27
S82	96	(zirconium oxide or zirconia or "ZrO.sub.2" or ZrO ₂) same (body or preform or tooth or crown or denture) and (infiltrant or infiltrat\$3) same (hydroly\$5 or silica or precursor) and sinter\$3 same (density or densify\$3) and ceramic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 14:34
S83	8	(zirconium oxide or zirconia or "ZrO.sub.2" or ZrO ₂) and S71	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 14:53

S84	55	(zirconium oxide or zirconia or "ZrO. ₂ .sub.2" or ZrO ₂) with (body or preform or tooth or crown or denture) and (infiltrant or infiltrat\$3) with (silica or sol gel or sol or precursor or hydroly \$5 or silicate) and sinter\$3 same (density or densify\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 14:57
S85	3069	(zirconium oxide or zirconia or "ZrO. ₂ .sub.2" or ZrO ₂) same (alumina or aluminum oxide or Al ₂ O ₃ or "Al. ₂ O. ₃ .sub.3") and translucent	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 15:32
S86	301	(zirconium oxide or zirconia or "ZrO. ₂ .sub.2" or ZrO ₂) same (alumina or aluminum oxide or Al ₂ O ₃ or "Al. ₂ O. ₃ .sub.3") same composite and translucent	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 15:32
S87	7	(zirconium oxide or zirconia or "ZrO. ₂ .sub.2" or ZrO ₂) same (alumina or aluminum oxide or Al ₂ O ₃ or "Al. ₂ O. ₃ .sub.3") with infiltrat\$5 and translucent	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 15:32
S88	25	(zirconium oxide or zirconia or "ZrO. ₂ .sub.2" or ZrO ₂) and (alumina or aluminum oxide or Al ₂ O ₃ or "Al. ₂ O. ₃ .sub.3") with infiltrat\$5 and translucent	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 15:34
S89	25	(zirconium oxide or zirconia or "ZrO. ₂ .sub.2" or ZrO ₂) and (alumina or aluminum oxide or Al ₂ O ₃ or "Al. ₂ O. ₃ .sub.3") with infiltrat\$5 and translucent	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 15:34
S90	379	(zirconium oxide or zirconia or "ZrO. ₂ .sub.2" or ZrO ₂) and (alumina or aluminum oxide or Al ₂ O ₃ or "Al. ₂ O. ₃ .sub.3") with infiltrat\$5 and (room temperature or ("25" with (celsius or degree or C)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 15:39

S91	121	(zirconium oxide or zirconia or "ZrO. _{sub.2} " or ZrO ₂) and (alumina or aluminum oxide or Al ₂ O ₃ or "Al. _{sub.2O.sub.3} ") with infiltrat\$5 same2 (room temperature or ("25" with (celsius or degree or C)))	US-PGPUB; USPAT; USCCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 15:39
S92	22	(zirconium oxide or zirconia or "ZrO. _{sub.2} " or ZrO ₂) and (alumina or aluminum oxide or Al ₂ O ₃ or "Al. _{sub.2O.sub.3} ") with infiltrat\$5 with (room temperature or ("25" with (celsius or degree or C)))	US-PGPUB; USPAT; USCCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 15:53
S93	103	(zirconium oxide or zirconia or "ZrO. _{sub.2} " or ZrO ₂) and (alumina or aluminum oxide or Al ₂ O ₃ or "Al. _{sub.2O.sub.3} ") with infiltrat\$5 and infiltrat\$5 with (room temperature or ("25" with (celsius or degree or C)))	US-PGPUB; USPAT; USCCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 16:17
S94	23	(zirconium oxide or zirconia or "ZrO. _{sub.2} " or ZrO ₂) and (silica or SiO ₂ or "SiO. _{sub.2} " or silicate) with infiltrat\$5 and translucent	US-PGPUB; USPAT; USCCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 16:40
S95	55	("zirconium oxide" or zirconia or "ZrO. _{sub.2} " or ZrO ₂) with (body or preform or tooth or crown or denture) and (infiltrant or infiltrat\$3) with (silica or sol gel or sol or precursor or hydroly\$5 or silicate) and sinter\$3 same (density or densify\$3)	US-PGPUB; USPAT; USCCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 17:02
S96	28	(dental or tooth or denture or teeth or crown) and (zirconium oxide or zirconia or "ZrO. _{sub.2} " or ZrO ₂) and (silica or SiO ₂ or "SiO. _{sub.2} " or silicate) with infiltrat\$5 and (organic binder or cellulose)	US-PGPUB; USPAT; USCCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 18:03

S97	33	(dental or tooth or denture or teeth or crown) and (zirconium oxide or zirconia or "ZrO.sub.2" or ZrO ₂) and (silica or SiO ₂ or "SiO.sub.2" or silicate) with infiltrat\$5 and (binder and (organic or cellulose))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 18:05
S98	3312	(dental or tooth or denture or teeth or crown) and (zirconium oxide or zirconia or "ZrO.sub.2" or ZrO ₂) and (binder and (organic or cellulose))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 18:05
S99	205	(dental or tooth or denture or teeth or crown) and (zirconium oxide or zirconia or "ZrO.sub.2" or ZrO ₂) and (binder and (organic or cellulose)) and sinter\$4 and infiltrat\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 18:05
S100	26	(dental or tooth or denture or teeth or crown) and (zirconium oxide or zirconia or "ZrO.sub.2" or ZrO ₂) same (binder and (organic or cellulose)) and sinter\$4 and infiltrat\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 18:06
S101	127	(zirconium oxide or zirconia or "ZrO.sub.2" or ZrO ₂) same (binder and (organic or cellulose)) and sinter\$4 and infiltrat\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 18:07
S102	89	(zirconium oxide or zirconia or "ZrO.sub.2" or ZrO ₂) same (binder with (organic or cellulose)) and sinter\$4 and infiltrat\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 18:09
S103	883	(zirconium oxide or zirconia or "ZrO.sub.2" or ZrO ₂) and (binder with (organic or cellulose)) and sinter\$4 and (pyrolyz\$4 or pyrolys\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 18:16
S104	137	(zirconium oxide or zirconia or "ZrO.sub.2" or ZrO ₂) and (binder with (organic or cellulose)) and sinter\$4 and (pyrolyz\$4 or pyrolys\$4) and infiltrat\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 18:16

S105	1026544	(dental or tooth or denture or teeth or crown)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 18:17
S106	20	S104 and S105	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 18:17
S107	66	(zirconium oxide or zirconia or "ZrO. ₂ " or ZrO ₂) and (binder with (organic or cellulose)) and sinter\$4 and debind\$3 and infiltrate\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 18:20
S108	2104	("zirconium oxide" or zirconia or "ZrO. ₂ " or ZrO ₂) and (cerium nitrate or "CeN. ₃₀ . ₉ ")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 19:07
S109	126	("zirconium oxide" or zirconia or "ZrO. ₂ " or ZrO ₂) and (cerium nitrate or "CeN. ₃₀ . ₉ ") and (TEOS or tetrethylorthosilicate or tetraethyl orthosilicate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 19:08
S110	23	("zirconium oxide" or zirconia or "ZrO. ₂ " or ZrO ₂) and (cerium nitrate or "CeN. ₃₀ . ₉ ") and (TEOS or tetrethylorthosilicate or tetraethyl orthosilicate) and (aluminum nitrate or "Al(NO. ₃). ₃ ")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 19:09
S111	1	(cerium nitrate or "CeN. ₃₀ . ₉ ") same (TEOS or tetrethylorthosilicate or tetraethyl orthosilicate) same (aluminum nitrate or "Al(NO. ₃). ₃ ") same infiltrate\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 19:10
S112	16	(cerium nitrate or "CeN. ₃₀ . ₉ ") same infiltrate\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 19:10

S113	134	(cerium nitrate or "CeN.sub.3O.sub.9") with (sol or TEOS or tetraethyl orthosilicate or tetraethylorthosilicate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 19:16
S114	21	(cerium nitrate or "CeN.sub.3O.sub.9") with (TEOS or tetraethyl orthosilicate or tetraethylorthosilicate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 19:17
S115	146	(cerium or cerium nitrate or "CeN.sub.3O. sub.9") with (TEOS or tetraethyl orthosilicate or tetraethylorthosilicate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 19:18
S116	7	(cerium or cerium nitrate or "CeN.sub.3O. sub.9") with (TEOS or tetraethyl orthosilicate or tetraethylorthosilicate) and (cerium or cerium nitrate or "CeN.sub.3O.sub.9") with cataly\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 19:18
S117	2	"5925330".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/26 20:12
S118	25466	"516".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 11:22
S119	260	S118 and (sol or silica or TEOS or silicate) and cerium	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 11:23
S120	17	S118 and (sol or silica or TEOS or silicate) and cerium nitrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 11:23

S121	15	S118 and (TMOS or tetraethyl orthosilicate or tetraethylorthosilicate or tetramethylorthosilicate or tetramethyl orthosilicate or silica or TEOS or silicate) and cerium nitrate	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 11:24
S122	0	S118 and (TMOS or tetraethyl orthosilicate or tetraethylorthosilicate or tetramethylorthosilicate or tetramethyl orthosilicate or TEOS) and cerium nitrate	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 11:26
S123	19	S118 and (TMOS or tetraethyl orthosilicate or tetraethylorthosilicate or tetramethylorthosilicate or tetramethyl orthosilicate or TEOS) and cerium	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 11:26
S124	184	(TMOS or tetraethyl orthosilicate or tetraethylorthosilicate or tetramethylorthosilicate or tetramethyl orthosilicate or TEOS) and cerium nitrate	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 11:28
S125	31	(TMOS or tetraethyl orthosilicate or tetraethylorthosilicate or tetramethylorthosilicate or tetramethyl orthosilicate or TEOS) and cerium nitrate and aluminum nitrate	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 11:31
S126	2	(TMOS or tetraethyl orthosilicate or tetraethylorthosilicate or tetramethylorthosilicate or tetramethyl orthosilicate or TEOS) and cerium nitrate same (condensation or hydrolysis or reaction rate or gel rate or gel time or reation time or gelation rate or gelation time)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 11:37

S127	38	(TMOS or tetraethyl orthosilicate or tetraethylorthosilicate or tetramethylorthosilicate or tetramethyl orthosilicate or TEOS) and cerium with (condensation or hydrolysis or reaction rate or gel rate or gel time or reation time or gelation rate or gelation time)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 11:38
S128	2	(TMOS or tetraethyl orthosilicate or tetraethylorthosilicate or tetramethylorthosilicate or tetramethyl orthosilicate or TEOS) and cerium with (condensation rate or condenstation time or rate of condensation or reaction rate or gel rate or gel time or reation time or gelation rate or gelation time)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 11:39
S129	7	(TMOS or tetraethyl orthosilicate or tetraethylorthosilicate or tetramethylorthosilicate or tetramethyl orthosilicate or TEOS) and cerium same (condensation rate or condenstation time or rate of condensation or reaction rate or gel rate or gel time or reation time or gelation rate or gelation time)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 11:41
S130	184	(TMOS or tetraethyl orthosilicate or tetraethylorthosilicate or tetramethylorthosilicate or tetramethyl orthosilicate or TEOS) and cerium nitrate	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 12:29
S131	0	S118 and S130	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 12:29
S132	27	(TMOS or tetraethyl orthosilicate or tetraethylorthosilicate or tetramethylorthosilicate or tetramethyl orthosilicate or TEOS) same cerium nitrate	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 12:30

S133	9	(TMOS or tetraethyl orthosilicate or tetraethylorthosilicate or tetramethylorthosilicate or tetramethyl orthosilicate or TEOS) same cerium nitrate and aluminum nitrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 13:07
S134	83	mullite same infiltrate\$7 same (zirconia or "zro. sub.2")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 16:07
S135	23	mullite with infiltrate\$7 same (zirconia or "zro. sub.2")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 16:11
S136	58	mullite with infiltrate\$7 and (zirconia or "zro. sub.2")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 16:15
S137	35	mullite with infiltrate\$7 and (zirconia or "zro. sub.2") not S135	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 16:15
S138	130	mullite same infiltrate\$7 and (zirconia or "zro. sub.2") not S135	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 16:20
S139	95	mullite same infiltrate\$7 and (zirconia or "zro. sub.2") not S135 not S136	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 16:20
S140	39	mullite same infiltrate\$7 and (zirconia or "zro. sub.2") same (press\$3 or compact\$3) not S135 not S136	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 16:20

S141	321	("Al.sub.20.sub.3" or alumina or aluminum nitrate or Al("NO.sub.3").sub.3") same infiltrate \$7 and (zirconia or "zro.sub.2") same (press\$3 or compact\$3) not S135 not S136	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 16:29
S142	193	("Al.sub.20.sub.3" or alumina or aluminum nitrate or Al("NO.sub.3").sub.3") with infiltrate \$7 and (zirconia or "zro.sub.2") same (press\$3 or compact\$3) not S135 not S136	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 16:29
S143	201	("Al.sub.20.sub.3" or alumina or aluminum nitrate or Al("NO.sub.3").sub.3") with infiltrate \$7 and (zirconia or "zro.sub.2") same (press\$3 or compact\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 16:29
S144	58	("Al.sub.20.sub.3" or alumina or aluminum nitrate or Al("NO.sub.3").sub.3") with infiltrate \$7 and (zirconia or "zro.sub.2") with (press\$3 or compact\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 16:29
S145	176	("Al.sub.20.sub.3" or alumina or aluminum nitrate or Al("NO.sub.3").sub.3") with infiltrate \$7 and (zirconia or "zro.sub.2") with (press\$3 or compact\$3 or preform or body)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 16:29
S146	3	(aluminum nitrate or Al("NO.sub.3").sub.3") with infiltrate \$7 and (zirconia or "zro.sub.2") with (press\$3 or compact\$3 or preform or body)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 16:30
S147	0	(aluminum nitrate or Al("NO.sub.3").sub.3") with infiltrate \$7 with (ethanol or methanol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 16:31
S150	255	(aluminum nitrate or Al("NO.sub.3").sub.3") with (ethanol or methanol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 16:31

S151	4	(aluminum nitrate or Al("NO. ₃ "). ₃) with (ethanol or methanol) and infiltrate\$7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 16:32
S153	41	(aluminum nitrate or Al("NO. ₃ "). ₃) with (ethanol or methanol or alcohol or water) and infiltrate\$7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 16:34
S154	6	(aluminum nitrate or Al("NO. ₃ "). ₃) with (ethanol or methanol or alcohol) and infiltrate\$7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 16:40
S155	23	(aluminum nitrate or Al("NO. ₃ "). ₃) same infiltrate\$7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 16:41
S156	0	(aluminum nitrate or Al("NO. ₃ "). ₃) with (TMOS or tetraethyl orthosilicate or tetraethylorthosilicate or tetramethylorthosilicate or tetramethyl orthosilicate or TEOS of sol) and infiltrate\$7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 16:43
S157	0	(aluminum nitrate or "Al(NO. ₃). ₃ ") with (TMOS or tetraethyl orthosilicate or tetraethylorthosilicate or tetramethylorthosilicate or tetramethyl orthosilicate or TEOS of sol) and infiltrate\$7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 16:44
S158	11	(aluminum nitrate or "Al(NO. ₃). ₃ ") with (TMOS or tetraethyl orthosilicate or tetraethylorthosilicate or tetramethylorthosilicate or tetramethyl orthosilicate or TEOS or sol) and infiltrate\$7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 16:44

S159	31	(aluminum nitrate or "Al(NO ₃).sub.3).sub.3") same (TMOS or tetraethyl orthosilicate or tetraethylorthosilicate or tetramethylorthosilicate or tetramethyl orthosilicate or TEOS or sol) and infiltrate\$7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 16:46
S160	337	(frank with rothburst).in. or (christian with ritzberger).in. or (wolfram holand).in. or (volker with rheinberger).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 19:26
S161	133	S160 and (zirconia or zirconium oxide or "ZrO ₂ .sub.2")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 19:27
S162	5	S161 and (infiltrate\$6) and (presinter\$4 or partial sinter\$4 or sinter\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/28 19:28
S163	9	("20020032986" "4626392" "4925492" "5447967").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2011/05/02 11:11
S164	9	("20040032986" "4626392" "4925492" "5447967").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2011/05/02 11:14
S165	5	("4415673").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2011/05/02 11:19
S166	9	etch\$3 with (layer or core) same translucent and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2011/05/02 12:36

S167	74	remov\$4 with (layer or core) same translucent and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2011/05/02 12:53
S168	5	S167 and infiltr\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2011/05/02 12:54
S169	2	"5910273".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2011/05/02 13:39
S170	5	("6354836" "7011522").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2011/05/02 13:43
S171	43	("4187608" "4265669" "4663720" "4798536" "4937928" "4954080" "5217375" "5342201" "5358910" "5614330" "5667548" "5718749" "5775912" "5788498" "5788891" "5849068" "5900201" "5910273" "5948335" "5968424" "6063314" "6133174" "6136241" "6354836" "6691763").PN. OR ("6354836" "7011522"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/05/02 14:02
S173	19	S171 and zircon\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/05/02 14:02
S174	7	S173 and infiltr\$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/05/02 14:03
S177	2	"4772436".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2011/05/02 14:10

S178	40	zircon\$3 and dental and infiltrat\$4 with (pressure or vacuum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2011/05/02 15:04
S179	6	("4265669" "4772436" "5565152" "5910273" "6106747").PN. OR ("6495072").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/05/02 15:39
S180	46	(Zr\$3 or zircon\$3) and dental and infiltrat\$4 with (pressure or vacuum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2011/05/02 15:44
S181	4	S171 and Zr\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/05/02 15:44
S182	4	S181 and (infiltrat\$4 or glass)	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/05/02 15:49
S183	1	S181 and (infiltrat\$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/05/02 15:49
S184	52	(Zr\$3 or zircon\$3) and (prosthetic or dental) and infiltrat\$4 with (pressure or vacuum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2011/05/02 15:57
S185	52	("ZrO. ₂ " or ZrO or Zr\$3 or zircon\$3) and (prosthetic or dental) and infiltrat\$4 with (pressure or vacuum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2011/05/02 15:58
S186	21	("ZrO. ₂ " or ZrO or Zr\$3 or zircon\$3) and (prosthetic or dental) and infiltrat\$4 with (vacuum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2011/05/02 15:58
S187	10	translucent and (prosthetic or dental) and infiltrat\$4 with (vacuum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2011/05/02 16:08

S188	99	translucent and (prosthetic or dental) and infiltrate\$4 and (zircon\$3 or "ZrO.sub.2" or ZrO or Zr\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2011/05/02 16:08
S189	77	translucent and (prosthetic or dental) and infiltrate\$4 and (zircon\$3 or "ZrO.sub.2" or ZrO or Zr\$3) and mill\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2011/05/02 16:09
S190	2	"5106303".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2011/05/02 16:29
S191	107	(Zr\$3 or zircon\$3 or "ZrO.sub.2") and (prosthetic or dental) and infiltrate\$4 with (silica or sol gel or colloid\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2011/05/11 15:31
S192	2	"5284695".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2011/05/11 16:31
S193	15	("2828225" "3533738" "4418024" "4418025" "4427785" "4600481" "4657876" "4725567" "4737476" "4774068" "5009822" "5021367" "5135691").PN. OR ("5478785").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/05/11 16:41
S194	126	(Zr\$3 or zircon\$3 or "ZrO.sub.2") and (prosthetic or dental) and infiltrate\$4 with (silica or sol gel or colloid\$3 or silicate or "SiO.sub.2" or SiO2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2011/05/11 16:48
S195	19	S194 not S191	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2011/05/11 16:50

S196	1583	264/16,19,603,642.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2011/05/21 19:06
S197	362	S196 and (Zr or zircon\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2011/05/21 19:45
S198	83	S197 and infiltrat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2011/05/21 19:45
S199	83	S197 and infiltrat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2011/05/21 19:45
S200	31	S197 and infiltrat\$4.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2011/05/21 19:48
S201	1583	264/16,19,603,642.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2011/05/21 21:14
S202	362	S201 and (Zr or zircon\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2011/05/21 21:14
S203	31	S202 and infiltrat\$4.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2011/05/21 21:14

S204	25	S203 and sinter\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2011/05/21 21:14
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EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S205	764	264/16,19,603,642.ccls.	USPAT; UPAD	ADJ	ON	2011/05/21 21:15
S206	36	S205 and infiltra\$4.clm.	USPAT; UPAD	ADJ	ON	2011/05/21 21:16
S207	36	S205 and infiltra\$5.clm.	USPAT; UPAD	ADJ	ON	2011/05/21 21:16

5/21/2011 9:28:25 PM

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